

Bushnell®

NIGHT VISION INSTRUCTIONS

Lit. #: 06-2000/03-01



26-2429 (2.4 x 29)
26-3652 (3.6 x 52)
26-4366 (4.3 x 66)

Congratulations on the purchase of your Bushnell Night Vision Product. Bushnell Night Vision products are comprised of high quality image intensifier tubes and optics. Bushnell Night Vision products amplify existing light, allowing you to see in dark conditions too dark for the naked eye.

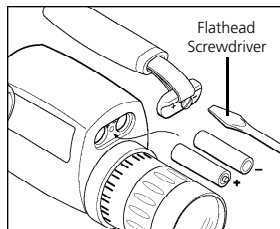
HOW NIGHT VISION WORKS

Bushnell Night Vision products collect and amplify existing light through the objective lens, which is then focused on the image intensifier. Inside the intensifier, a photocathode is "excited" by the light and converts the photon energy into electrons. These electrons accelerate across an electrostatic field inside the intensifier and strike a phosphor screen (like a green monochrome TV screen) which emits an image that you can see. It is the acceleration of electrons, which provides gain and enhances the image. This is a Generation I device.

GETTING STARTED

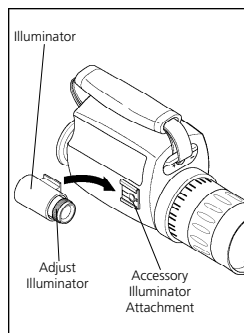
Installing Batteries

- With a screwdriver, unscrew the battery compartment cover.
- Insert two AA batteries into the compartment according to the + and - markings on the cover.
- Replace the battery compartment cover.



Installing The Illuminator

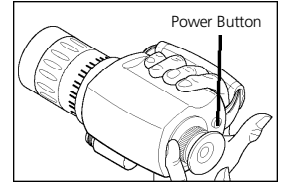
- Your Bushnell Night Vision product includes an infrared illuminator. This allows you to see in complete darkness when no ambient light source is available.
- Remove the black cover from the accessory illuminator attachment on the scope.
- Gently slide the Illuminator on the accessory illuminator attachment facing forward (toward the Objective Lens).



- Remove the lens cap from the Illuminator.
- Adjust the beam of the Illuminator to focus on the object under observation.

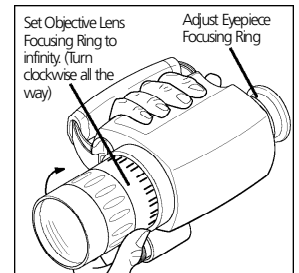
Using The Power Button And Illuminator

- **Never turn the scope on in daylight conditions with the lens cap off.** The pinhole in the lens cap allows you to test the scope in daylight conditions. (The lens cap for model 26-4366 does not contain a pinhole).
- Model 26-4366 includes a special Aperture Setting Control feature. This allows the user to reduce the brightness of the image by adjusting the Brightness Control Ring. Therefore, the user can use model 26-4366 in daylight conditions with the lens cap off as long as the brightness control is at the lowest setting.
- To use the scope and Illuminator, depress and **hold** the Power Button.
- After you release the Power Button, the image will slowly fade out. This is normal and is not a defect.



To Focus

- First, turn the Objective Lens Focusing Ring to infinity. (Full clockwise as shown in the drawing).
- While looking at a distant object (at least 36 ft. away), adjust the Eyepiece Focusing Ring for the sharpest image.
- Once the Eyepiece Focusing Ring is adjusted, you need only adjust the Objective Lens Focusing Ring as needed.



Spots In The Image

- You may see spots in the image. These vary from scope to scope and are cosmetic blemishes inside the scope. These are normal for Night Vision Scopes and are **NOT** a defect.

TROUBLESHOOTING

Scope will not turn on.

Check that the batteries are installed properly. Replace the batteries with new ones. Check the battery contacts to ensure they are clean and free of corrosion. Press and hold the power button firmly and completely.

Image is not focused.

Adjust the focus on the Focusing Eyepiece. Adjust the Objective Lens Focusing Ring. For a focused image, you must be a certain distance from the object you are viewing. Refer to the following chart for the recommended minimum viewing range. If still no improvement, clean the lenses; they may be foggy or dusty. (See **To Focus**).

Model	Magnification	Objective Size	Viewing Range (ft.)
26-2429	2.4x	29mm	1.1 - 300
26-3652	3.6x	52mm	12 - 350
26-4366	4.3x	66mm	16 - 450

Visibility decreases or disappears.

Bright light sources such as headlights may cause visibility to degrade or disappear completely. Release the Power Button and turn the scope away from the light source. The unit will restore itself in 1 or 2 minutes. Conditions such as fog or extremely dark environments will decrease visibility.

Scope flashes.

The scope may flash when used in a bright environment. It may also flash during the first few seconds of use in dark environments.

CARE & MAINTENANCE

- When not using for an extended amount of time, remove batteries and store the product in a dry location.
- Avoid turning the product on in extremely bright light conditions.
- Handle this product like you would a camera. Though Bushnell Night Vision products are durably constructed, the image intensifier tube consists of glass and is subject to breakage.
- Keep the optics clean. We recommend using a camera cleaner kit to clean the outside of the objective and eyepiece lenses. Follow the directions with the kit.
- Do not disassemble this product. Unauthorized disassembly not only voids the warranty but may also cause damage from the lack of special tools and techniques.

WARRANTY / REPAIR

One-Year LIMITED WARRANTY

Your Bushnell® Night Vision is warranted to be free of defects in materials and workmanship for one year after the date of purchase. In the event of a defect under this warranty, we will, at our option, repair or replace the product, provided that you return the product postage prepaid. This warranty does not cover damages caused by misuse or improper handling, installation or maintenance of the product.

Any return made under this warranty must be accompanied by the items listed below:

- 1) A check in the amount of \$15.00 to cover the cost of handling
- 2) Name and address for product return
- 3) An explanation of the defect
- 4) Product should be well packed in a sturdy outside shipping carton to prevent damage in transit and return postage prepaid to the address listed below:

IN U.S.A. Send To:

Bushnell Performance Optics
8500 Marshall Drive
Lenexa, Kansas 66214

IN CANADA Send To:

Bushnell Performance Optics
25A East Pearce Street, Unit 1
Richmond Hill, Ontario L4B 2M9

For products purchased outside the United States and Canada please contact your local dealer for applicable warranty information. This warranty gives you specific legal rights. You may have other rights which vary from country to country.

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